



# Service Bulletin

Bulletin No.: 17-NA-287

Date: April, 2019

## TECHNICAL

**Subject:** Rear Axle Moan Type Noise on Turns

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Camaro	2016	2019				

<b>Involved Region or Country</b>	North America and N.A. Export Regions
<b>Additional Options (RPOs)</b>	AXLE POSI TRACTION-LIMITED SLIP (G80)
<b>Condition</b>	Some customers may comment that when the vehicle is cold or has sat for several hours, a noise can be heard from the rear of the vehicle when making one or two turns. They may also comment that the noise goes away after the vehicle has warmed up.
<b>Cause</b>	This condition may be caused by slip/stick of the posi-traction clutch plates.
<b>Correction</b>	If the moan noise is validated, perform the following Service Procedure.

### Service Procedure

**Note:** Ensure the fluid is at operating temperature before draining by driving the vehicle.

1. Replace the rear differential axle lubricant.
2. Bring the gear lubricant again up to operating temperature.
3. Perform multiple figure eight or lock steer turning maneuvers to work the gear lubricant into the clutch pack.
4. Allow the vehicle to cool (back to ambient temperature) and re-evaluate for clutch moan.
  - If the moan is still present, repeat steps 1-4.
  - The above sequence may need to be repeated two to three times to reduce/eliminate the noise.

### Parts Information

Correct lubricant is critical for proper operation. Refer to Specifications in SI.

### Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
3080238*	Drain & Refill Rear Axle Fluid	0.6 hr
Add (Only If Required)	Additional Drain & Refill Rear Axle Fluid	0.4 hr
*This is a unique Labor Operation for Bulletin use only.		

<b>Version</b>	4
<b>Modified</b>	April 23, 2018 – Added the 2018 Model Year. February 05, 2019 – Added the 2019 Model Year. April 02, 2019 – Added a Note to the Service Procedure and increased the Labor Time for 3080238.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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